



Crop Weather Report

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For the Week Ending:
June 24, 2007

Weather Summary

Most of Montana experienced above normal temperatures with limited precipitation last week. West Glacier and Grass Range both received the most moisture for the week with a total of 0.67 inches. Albion had the high temperature of 106 degrees for the second consecutive week, while West Yellowstone had the low temperature of 25 degrees. Topsoil moisture adequate and surplus, at 79 percent, is down from last week's 90 percent, but is better than last year and the five-year average. Subsoil moisture adequate and surplus is 76 percent, down from last week's 83 percent. Subsoil moisture is also rated better than last year and the five-year average. The number of days suitable for fieldwork was 6.1 days, up from last week's 5.3 days.

The weather outlook for July 2nd through July 8th is for above normal temperatures and near normal precipitation east of the continental divide and for above normal temperatures and below normal precipitation west of the divide. Normal temperatures for this period in the state are highs in the middle 70s to the middle 80s and lows in the lower 40s to the upper 50s.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	1	1	1	5
Poor	5	4	7	11
Fair	16	22	31	30
Good	38	45	46	41
Excellent	40	28	15	13
Barley				
Very Poor	4	0	1	1
Poor	12	2	3	3
Fair	19	13	28	26
Good	45	64	47	54
Excellent	20	21	21	16
Oats				
Very Poor	0	0	1	2
Poor	2	1	7	5
Fair	17	14	21	26
Good	66	76	62	56
Excellent	15	9	9	11
Spring Wheat				
Very Poor	3	0	1	1
Poor	6	2	3	4
Fair	17	10	27	27
Good	57	75	62	59
Excellent	17	13	7	9
Durum Wheat				
Very Poor	1	0	1	1
Poor	2	0	6	7
Fair	20	15	29	22
Good	59	69	58	60
Excellent	18	16	6	10

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	4	0	7	7
Short	17	10	24	19
Adequate	65	72	61	68
Surplus	14	18	8	6
Subsoil Moisture				
Very Short	4	0	11	17
Short	20	17	32	33
Adequate	65	72	55	48
Surplus	11	11	2	2
Days Suitable for Fieldwork				
Days	6.1	5.3	6.1	5.6

Field Crops Report

Conditions declined for barley, spring wheat, and durum wheat since last week. Specialty crop progress has advanced from last week. Hay harvest is behind last year's progress but keeping up with the five-year average.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Emerged				
Durum Wheat	97	93	98	94
Boot Stage				
Barley	74	46	64	47
Oats	65	50	70	45
Spring Wheat	57	51	61	41
Durum Wheat	39	25	45	24
Headed				
Winter Wheat	91	62	92	73
Barley	29	10	21	15
Spring Wheat	17	13	18	10
Oats	19	0	37	15
Durum Wheat	9	0	0	4
Turning				
Winter Wheat	5	0	12	4
Blooming				
Dry Peas	82	38	51	n/a
Lentils	46	26	30	n/a
Hay First Cutting				
Alfalfa	25	13	34	23
All Other	20	9	31	17

Livestock Report

Almost all livestock have been moved to summer pastures. Range and pasture feed condition good and excellent is 70 percent, down from last week's 80 percent, but above last year's 58 percent as well as the five-year average of 46 percent.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Moved to Summer Ranges				
Cattle & Calves	98	95	98	96
Sheep & Lambs	94	91	100	95
Range and Pasture Feed Condition				
Very Poor	3	0	2	8
Poor	5	4	9	14
Fair	22	16	31	32
Good	45	52	47	37
Excellent	25	28	11	9

Weather Information for the Week ending 06/24/2007

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	92	39	63	90	+9	0.17	-0.22	3.86	-0.38	91	14.47	+4.52	145
Anaconda	88	37	63	91	+40	0.08	-0.42	7.20	+1.59	128	13.32	+3.42	135
Clinton	89	41	64	102	+21	0.07	-0.32	6.38	+2.14	150	15.10	+5.15	152
Corvallis	91	40	66	114	+34	0.00	-0.35	3.55	-0.46	89	6.39	-3.35	66
Creston	84	40	63	92	+22	0.12	-0.51	5.10	-1.06	83	9.75	-4.66	68
Deer Lodge	88	35	60	74	+24	0.01	-0.39	5.90	+1.87	146	9.16	+2.26	133
Drummond	87	34	62	82	+8	0.07	-0.35	5.94	+1.45	132	9.68	+0.33	104
Hamilton	90	40	67	117	+37	0.00	-0.35	4.04	+0.03	101	8.02	-1.72	82
Kalispell	86	36	60	74	+9	0.25	-0.24	4.24	-0.57	88	10.14	-2.22	82
Missoula	91	41	65	105	+24	0.16	-0.23	3.79	-0.45	89	9.29	-0.66	93
Olney	82	32	57	54	-7	0.38	-0.25	3.21	-2.63	55	14.91	-3.28	82
Polson	85	40	63	96	+9	0.02	-0.50	6.48	+1.02	119	11.33	-0.74	94
St Ignatius	86	44	65	105	+18	0.06	-0.51	5.57	-0.36	94	10.92	-1.25	90
Seeley Lake	88	34	64	96	+38	0.55	+0.07	4.24	-0.81	84	14.78	-2.56	85
Sula	89	33	60	72	+21	0.00	-0.49	7.44	+1.85	133	12.82	+0.94	108
Superior	92	40	66	111	+21	0.00	-0.40	4.41	+0.07	102	14.22	+1.31	110
Swan Lake	85	38	59	67	+7	0.32	-0.30	7.17	+0.75	112	22.92	+0.44	102
Thompson Falls	86	40	61	77	-18	0.18	-0.27	5.35	+0.12	102	22.88	+3.84	120
West Glacier	84	38	61	82	+15	0.67	-0.07	6.28	-0.66	90	23.13	+0.35	102
NORTH CENTRAL													
Chester	90	44	65	108	+16	0.03	-0.46	3.90	-0.42	90	7.64	+0.91	114
Chinook	91	46	66	117	+9	0.22	-0.24	6.77	+1.86	138	10.56	+2.91	138
Choteau	89	42	65	108	+18	0.00	-0.49	3.65	-0.96	79	5.36	-1.22	81
Cut Bank	91	42	64	100	+30	0.00	-0.54	0.83	-4.23	16	1.31	-6.08	18
Ft Assinniboine	90	45	65	110	+1	0.19	-0.23	5.88	+1.32	129	9.39	+1.81	124
Fort Benton	91	43	66	112	+7	0.26	-0.31	6.15	+0.33	106	10.48	+0.54	105
Goldbutte	87	41	62	82	+5	0.33	-0.27	5.68	+0.31	106	9.80	+1.68	121
Harlem	89	42	67	118	+12	0.02	-0.42	6.84	+2.56	160	9.85	+2.96	143
Havre	91	45	66	112	+5	0.18	-0.24	5.65	+1.61	140	9.04	+2.01	129
Malta	89	48	69	135	+36	0.08	-0.48	7.80	+2.75	154	10.58	+2.90	138
Rudyard	90	35	63	95	-16	0.30	-0.20	6.06	+0.34	106	9.37	+0.27	103
Shelby	87	37	63	96	+15	0.16	-0.40	3.49	-1.65	68	6.89	-0.62	92
Turner	88	46	66	115	+16	0.48	-0.08	5.89	+0.84	117	7.72	+0.04	101
Valier	87	45	66	112	+31	0.24	-0.32	3.56	-1.58	69	5.50	-2.01	73
NORTHEAST													
Bredette	88	43	66	114	+6	0.00	-0.57	9.15	+4.32	189	12.18	+5.06	171
Culbertson	92	44	69	134	+24	0.00	-0.65	6.48	+0.72	113	9.79	+1.30	115
Glasgow	91	48	69	136	+21	0.09	-0.40	10.32	+6.17	249	12.43	+5.96	192
Glendive	95	49	73	162	+28	0.24	-0.46	6.70	+1.02	118	10.01	+1.35	116
Jordan	91	45	67	124	+1	0.32	-0.24	9.55	+4.19	178	11.86	+3.51	142
Nashua	93	45	71	149	+34	0.00	-0.49	11.08	+6.93	267	13.60	+7.13	210
Opheim	86	43	64	102	+12	0.16	-0.40	7.61	+3.03	166	9.60	+2.99	145
Plentywood	89	45	67	124	+19	0.16	-0.34	9.30	+4.44	191	11.64	+4.43	161
St Marie	89	47	68	129	+14	0.12	-0.37	7.95	+3.80	192	9.47	+3.00	146
Scobey	88	39	68	124	+16	0.18	-0.39	8.98	+4.15	186	11.30	+4.18	159
Sidney	94	47	70	141	+21	0.00	-0.63	8.27	+2.85	153	10.90	+2.34	127
Wolf Point	92	43	68	125	+8	0.00	-0.64	7.97	+1.82	130	9.62	+0.04	100
CENTRAL													
Cascade	88	33	61	76	+16	0.00	-0.58	7.70	+1.46	123	11.75	+1.76	118
Grass Range	84	43	65	105	+8	0.67	+0.03	11.14	+3.83	152	17.07	+5.58	149
Great Falls	92	44	66	111	+17	0.02	-0.51	5.47	-0.47	92	10.06	-0.75	93
Harlowton	89	35	65	107	+22	0.34	-0.27	7.82	+2.12	137	12.51	+3.42	138
Helena	93	47	68	129	+31	0.01	-0.41	5.47	+1.15	127	8.58	+0.82	111
Lewistown	85	40	63	89	+16	0.58	-0.09	8.95	+1.86	126	14.22	+1.76	114
Martinsdale	92	37	65	103	+38	0.08	-0.41	4.21	-0.94	82	7.88	-0.60	93
Neihart	89	36	62	85	+32	0.19	-0.51	10.99	+2.96	137	20.39	+5.87	140
Rogers Pass	88	38	62	86	+2	0.00	-0.53	8.05	+2.62	148	12.70	+3.98	146
Roundup	94	44	69	136	+19	0.30	-0.19	9.66	+4.40	184	14.11	+5.82	170
Ryegate	87	40	65	104	+30	0.32	-0.23	7.45	+2.39	147	11.77	+3.57	144
Stanford	84	40	64	99	+25	0.05	-0.63	7.92	+0.92	113	12.62	+1.39	112
Townsend	91	40	65	110	+20	0.08	-0.38	4.62	+0.46	111	7.59	+0.57	108
Valentine	88	44	67	117	+16	0.47	-0.04	8.79	+2.62	142	13.23	+3.70	139
Wht Sulphur Spr	87	39	64	98	+52	0.02	-0.58	4.39	-1.27	78	7.28	-3.98	65
SOUTHWEST													
Boulder	91	40	65	109	+38	0.07	-0.37	4.94	+0.64	115	8.14	+0.73	110
Bozeman	90	40	66	111	+29	0.08	-0.54	11.01	+3.55	148	21.49	+7.54	154
Butte	88	35	60	70	+15	0.02	-0.47	6.07	+1.51	133	10.02	+2.12	127
Dillon	90	38	63	89	+15	0.01	-0.42	5.19	+0.87	120	8.64	+2.02	131
Ennis	88	34	61	79	+6	0.00	-0.55	6.82	+1.57	130	12.27	+3.49	140
Lakeview	88	37	62	87	+55	0.00	-0.70	2.88	-3.53	45	9.74	-4.77	67
W Yellowstone	87	25	54	38	+1	0.01	-0.55	3.27	-2.21	60	10.21	-6.46	61
Wisdom	89	31	59	68	+32	0.05	-0.35	5.47	+1.62	142	11.31	+3.67	148
SOUTH CENTRAL													
Billings	91	48	69	137	+20	0.09	-0.33	7.54	+1.54	126	13.38	+1.91	117
Cooke City	87	37	63	94	+75	0.00	-0.63	4.59	-2.12	68	10.48	-8.05	57
Gardiner	93	43	69	132	+39	0.00	-0.35	2.03	-1.43	59	5.85	-1.06	85
Hardin	95	44	72	154	+41	0.01	-0.47	7.97	+1.67	127	13.35	+1.55	113
Huntley	91	40	67	118	+13	0.45	-0.05	8.95	+3.04	151	13.74	+3.65	136
Hysham	92	46	71	147	+25	0.03	-0.41	8.64	+3.04	154	13.83	+4.59	150
Joliet	90	42	66	114	+13	0.05	-0.35	7.48	+0.53	108	13.35	+1.14	109
Livingston	90	34	64	96	+8	0.12	-0.41	7.43	+1.03	116	13.50	+2.67	125
Nye	89	39	63	96	+8	0.00	-0.53	8.12	+1.72	127	13.34	+2.51	123
Rapelje	88	42	66	114	+19	0.00	-0.51	8.94	+2.81	146	13.32	+2.33	121
SOUTHEAST													
Albion	106	42	71	148	+41	0.08	-0.50	7.56	+1.58	126	11.93	+2.71	129
Baker	95	43	68	127	+10	0.08	-0.55	9.06	+3.30	157	12.67	+3.41	137
Broadus	101	47	71	152	+37	0.00	-0.54	9.42	+3.59	162	13.77	+3.99	141
Ekalaka	95	46	70	139	+28	0.01	-0.83	10.21	+2.79	138	15.71	+4.27	137
Miles City	94	48	72	155	+23	0.01	-0.62	8.14	+2.23	138	10.94	+1.33	114
Plevna	94	39	69	135	+18	0.09	-0.54	8.03	+2.27	139	12.38	+3.12	134
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days													